

USER'S MANUAL AND PROGRAMMER'S GUIDE
FOR
CHEKER: FORTRAN FORMAT CHECKER

by

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Abstract

This is a manual for the FORTRAN program CHEKER (FORTRAN format CHEcKER), a software quality assurance tool, which parses FORTRAN code for adherence to code standards. Items checked include ANSI FORTRAN 77 exceptions, module header format, variable declaration format, indentation of control structures, spacing, continuation lines, dimensioning, unit numbers, format statements, statement labels, library functions, and file names. The checks performed are described, as are the error and warning messages generated by the program. The required input and the execution procedure for CHEKER are explained. The program structure and limitations of CHEKER are also discussed.